OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC202618

KIAA0319L (NM_024874) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KIAA0319L (NM_024874) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	KIAA0319L
Synonyms:	AAVR; AAVRL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

ORF Nucleotide Sequence:

>RC202618 representing NM_024874
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

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GCAAACCTGACAGTGAACAAAGCTGTGGATTACCCCCCTGTGGCCAACGCAGGCCCCAACCAAGTGATCA
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Protein Sequence:

>RC202618 representing NM_024874
Red=Cloning site Green=Tags(s)

MEKRLGVKPNPASWILSGYYWQTSAKWLRSLYLFYTCFCFSVLWLSTDASESRCQQGKTQFGVGLRSGGE
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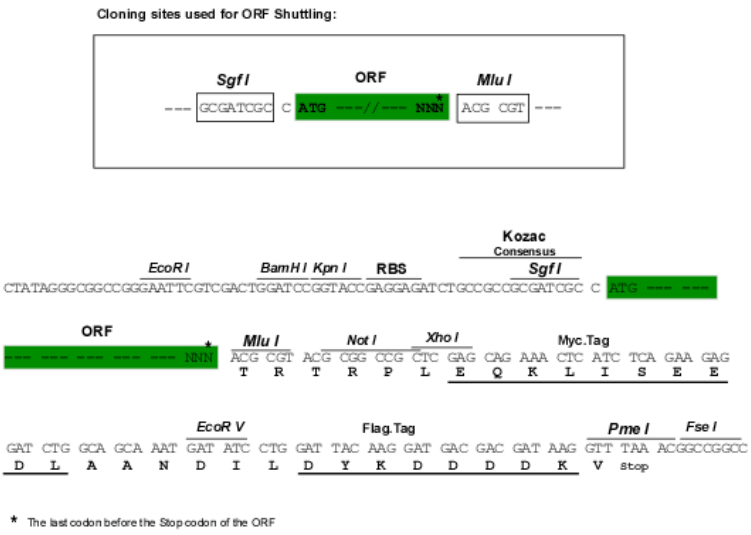
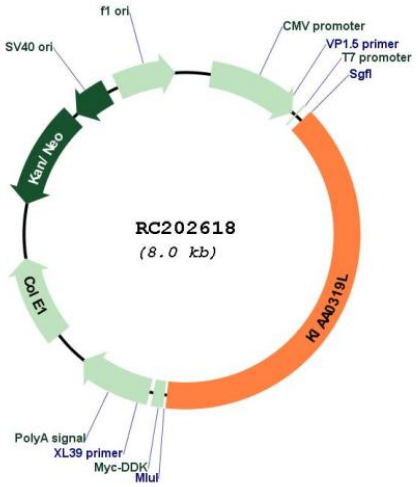
Chromatograms: https://cdn.origene.com/chromatograms/mk8112_d11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_024874
ORF Size:	3147 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_024874.5
RefSeq Size:	4822 bp
RefSeq ORF:	3150 bp
Locus ID:	79932
UniProt ID:	Q8IZA0
Cytogenetics:	1p34.3
Domains:	PKD
Protein Families:	Transmembrane
MW:	115.7 kDa
Gene Summary:	This gene is a candidate gene for dyslexia susceptibility.[provided by RefSeq, Apr 2009]